

**REPLACEMENT ABSTRACT**

A computer configured for a connection to a network of computers including the Internet, comprising: a microchip including a microprocessor including a master control unit configured using hardware and firmware, and two processing units; an internal hardware firewall that is located between a protected portion and an unprotected portion of the microchip; said protected portion including said master control unit and one of the processing units, said unprotected portion including one or more of the processing units that are separate from and located outside of the internal hardware firewall; said hardware firewall denying access to said protected portion by the network; and said hardware firewall permitting access by another computer in the network to one or more of the processing units included in the unprotected portion for an operation with said another computer in the network; and an active configuration of a circuit integrated into the microchip.